FIG. 1

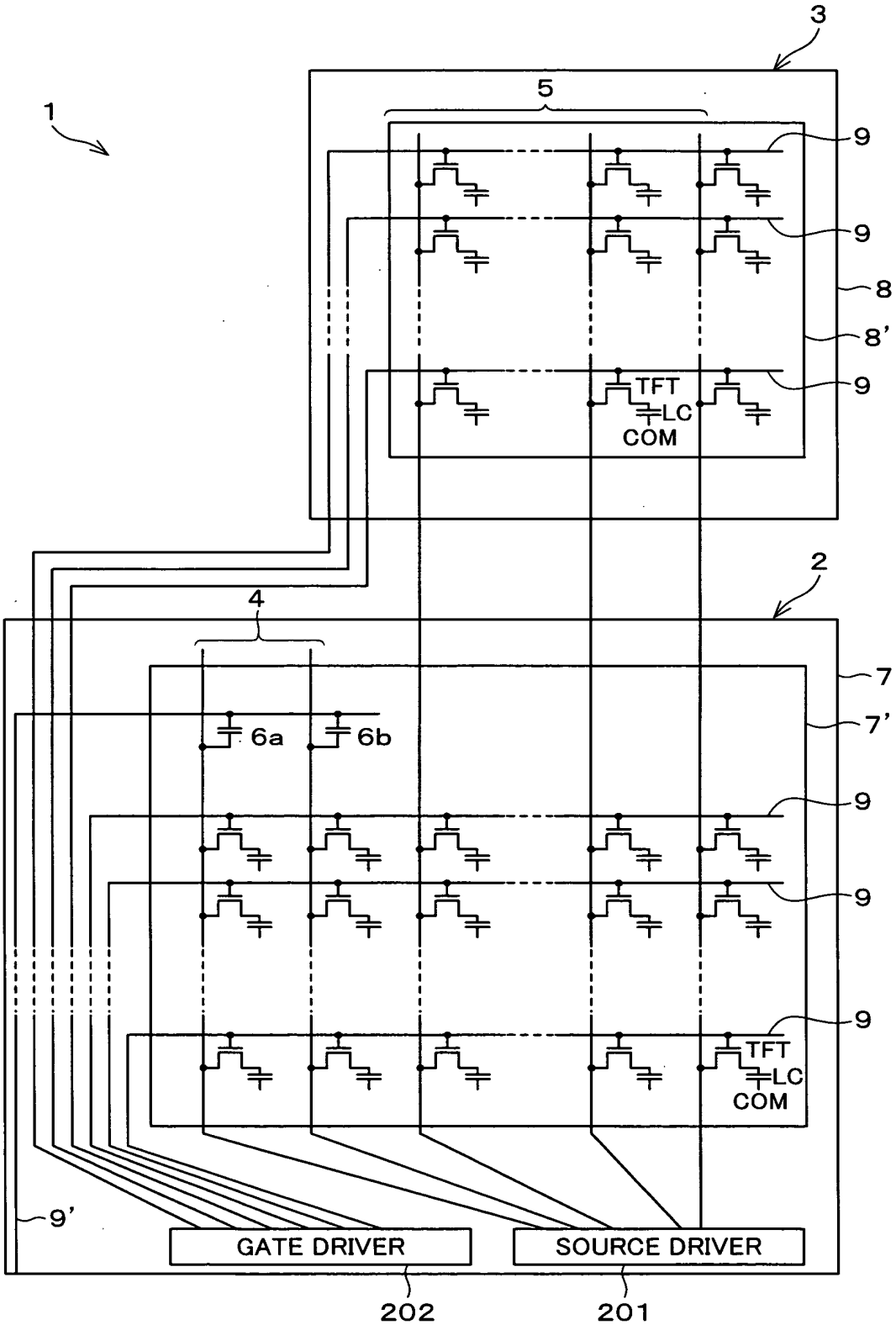

3
1
5
9
9
8
8'
TFT
LC
COM
9
2
4
7
7'
6a
6b
9
9
9
TFT
LC
COM
9'
GATE DRIVER
SOURCE DRIVER
202
201

FIG. 2

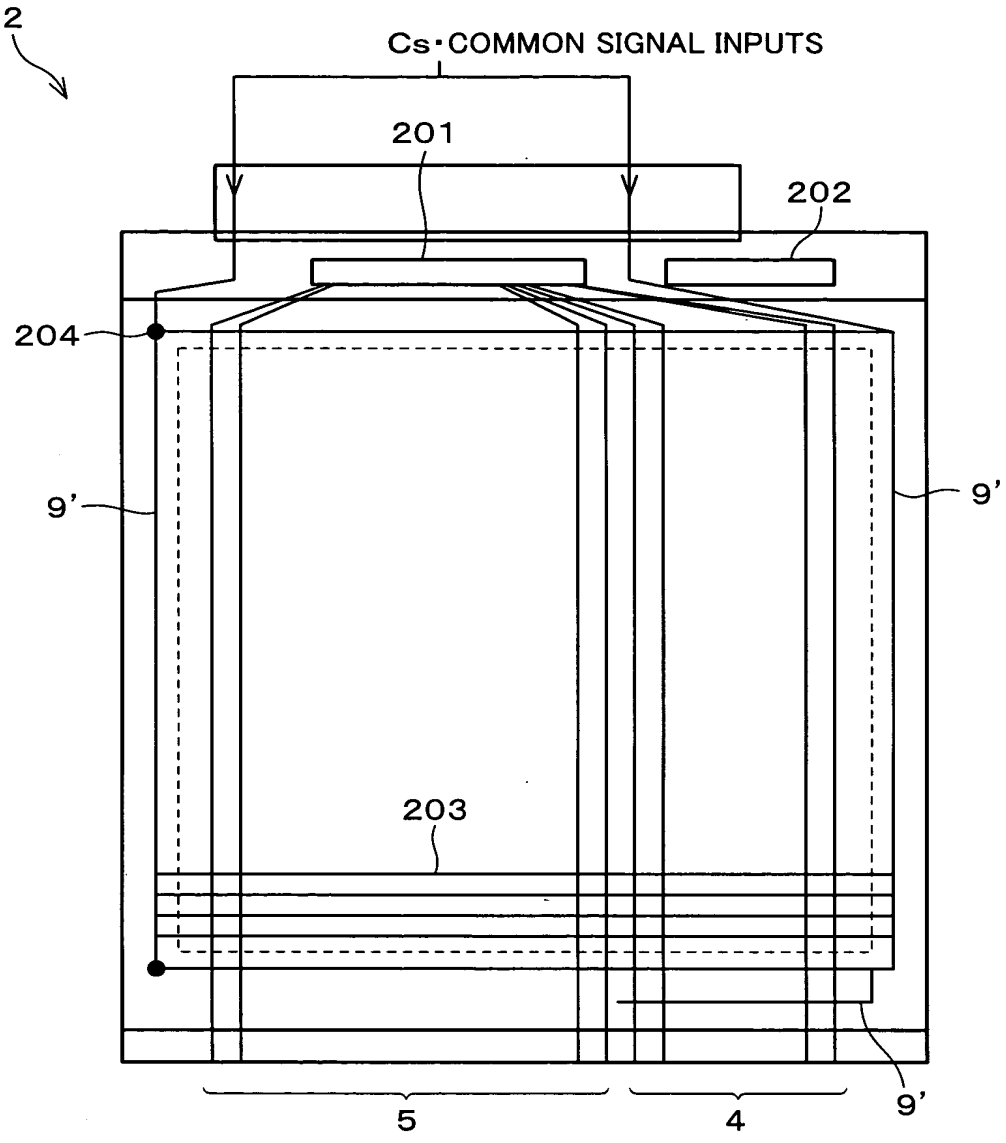


FIG. 3

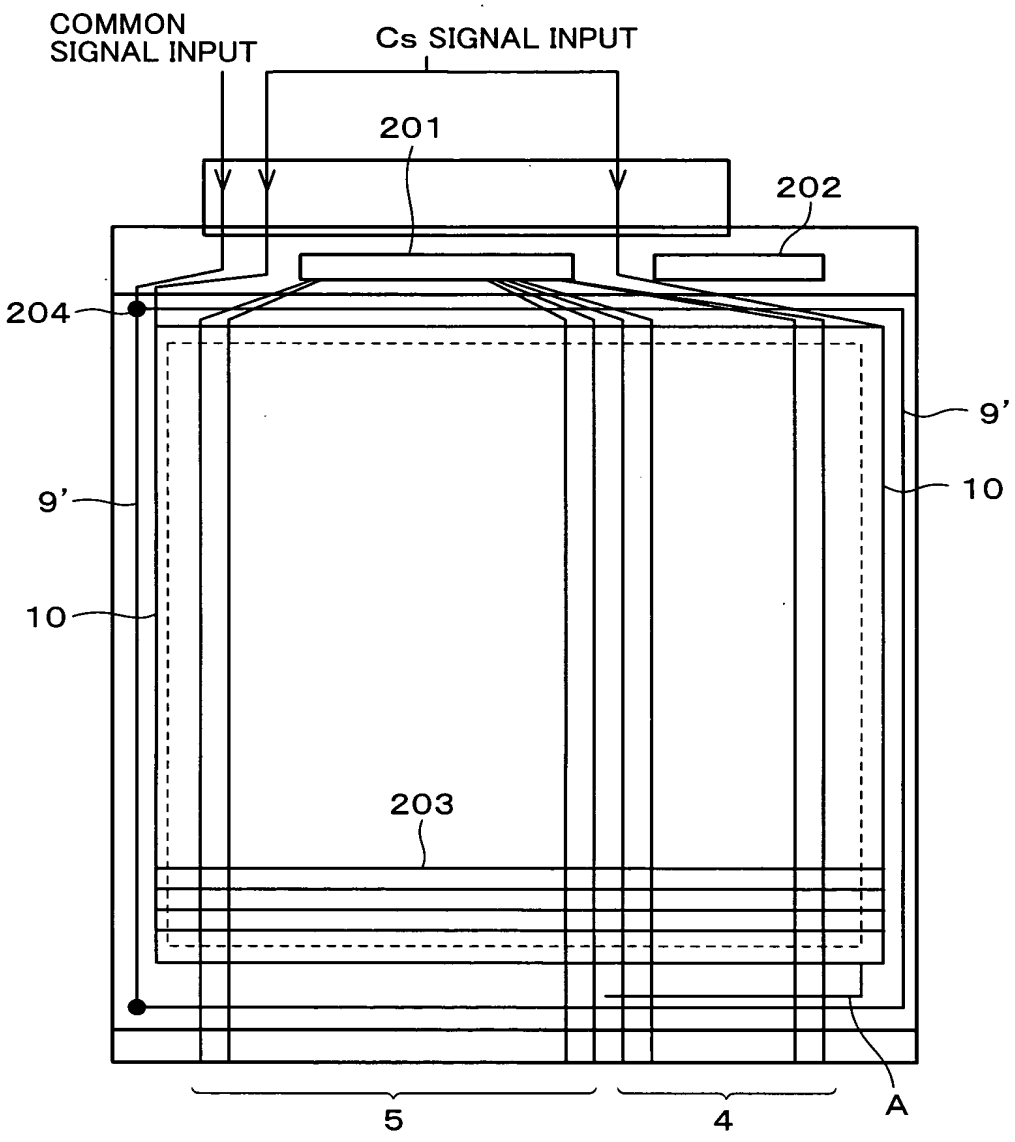

COMMON
SIGNAL INPUT
Cs SIGNAL INPUT
201
202
204
9'
9'
10
10
203
5
4
A

FIG. 4

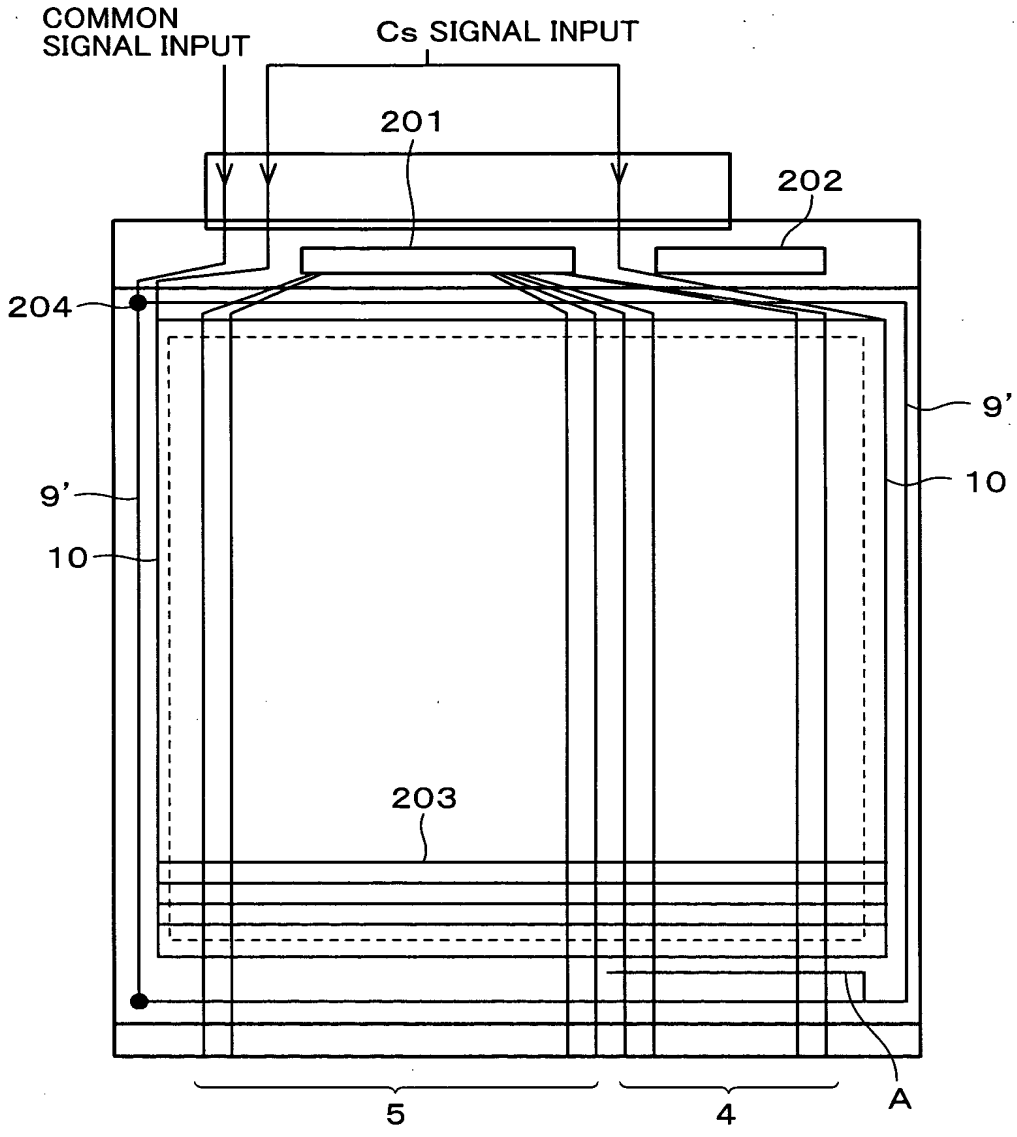

COMMON
SIGNAL INPUT
Cs SIGNAL INPUT
201
202
204
9'
10
9'
10
203
5
4
A

FIG. 5

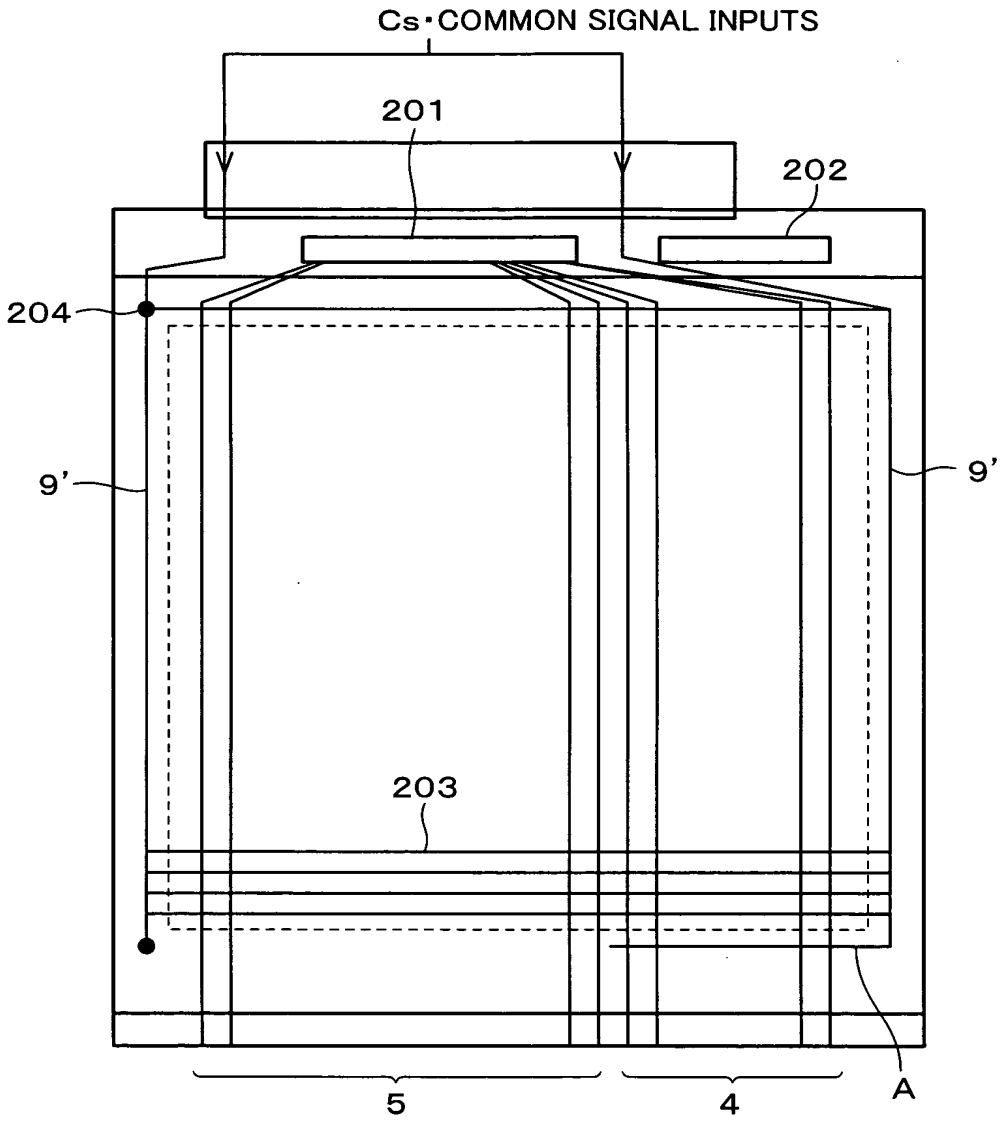


FIG. 6

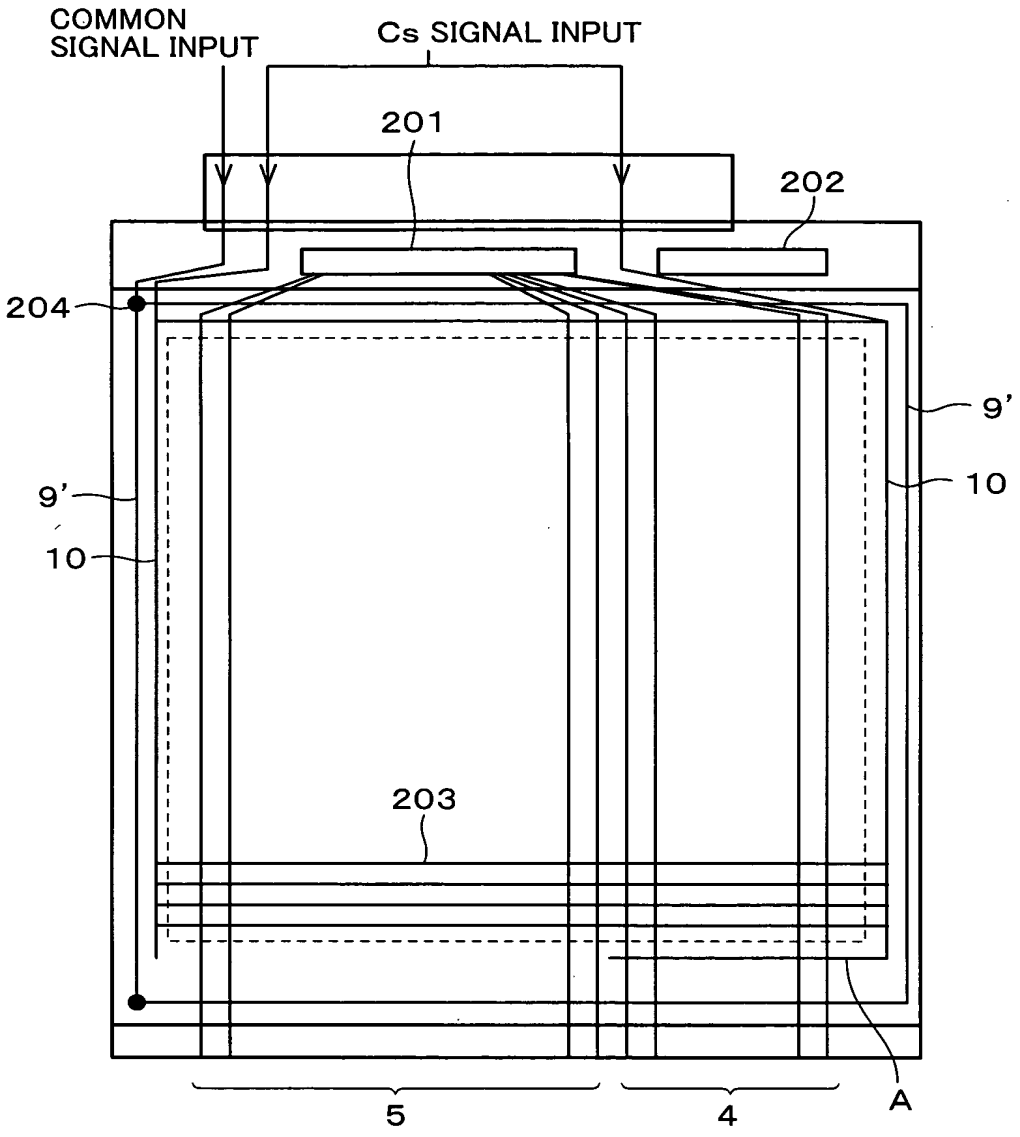

COMMON
SIGNAL INPUT
Cs SIGNAL INPUT
201
202
204
9'
9'
10
10
203
5
4
A

FIG. 7

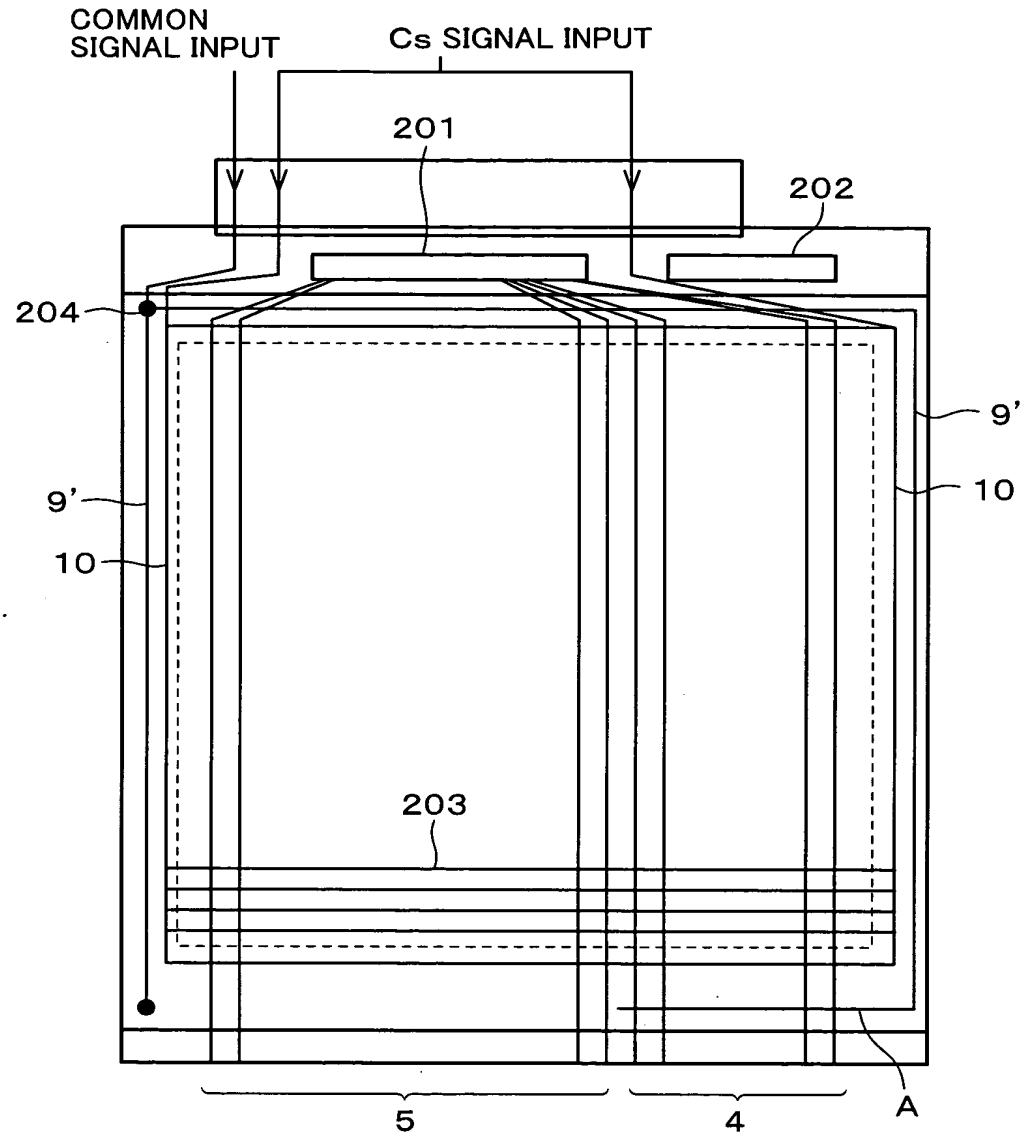

COMMON
SIGNAL INPUT
Cs SIGNAL INPUT
201
202
204
9'
10
9'
10
203
5
4
A

FIG. 8

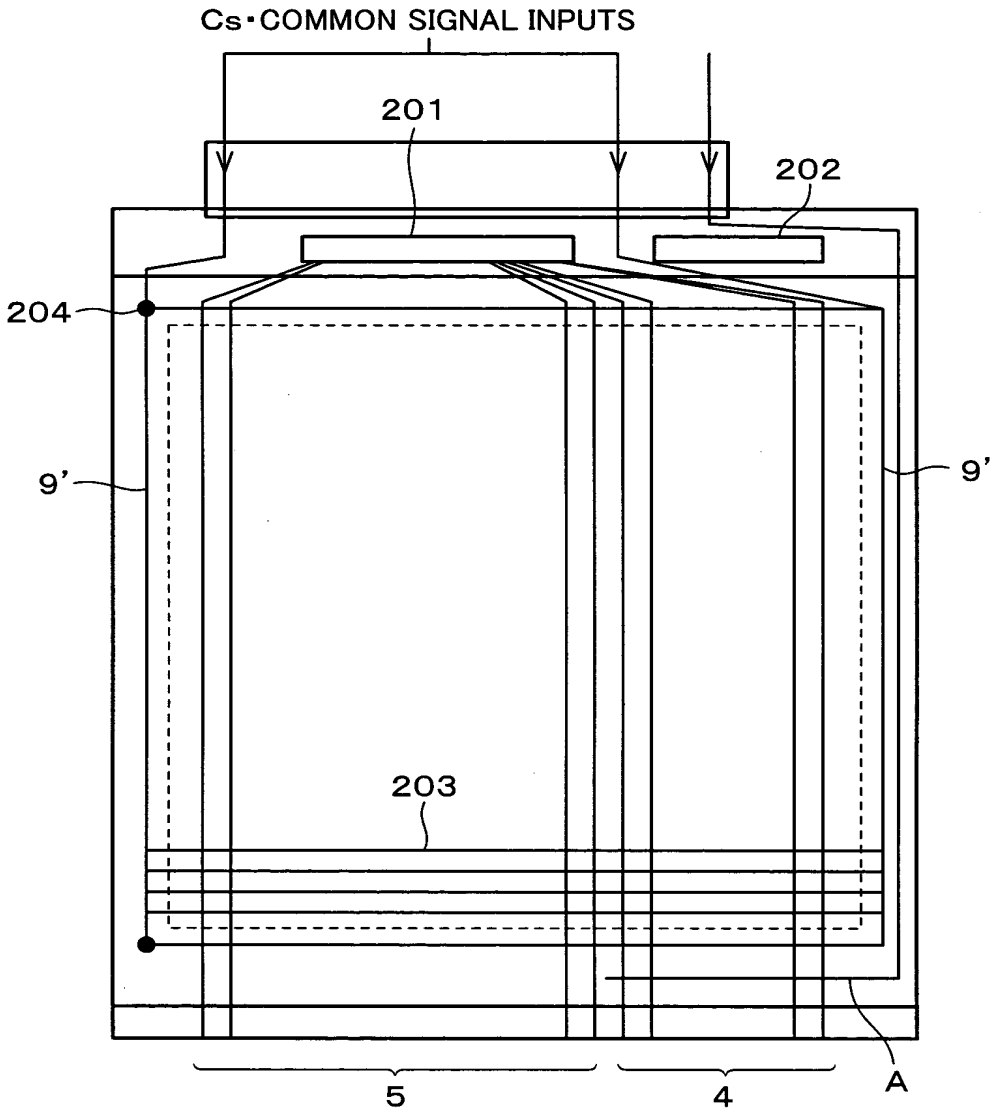


FIG. 9

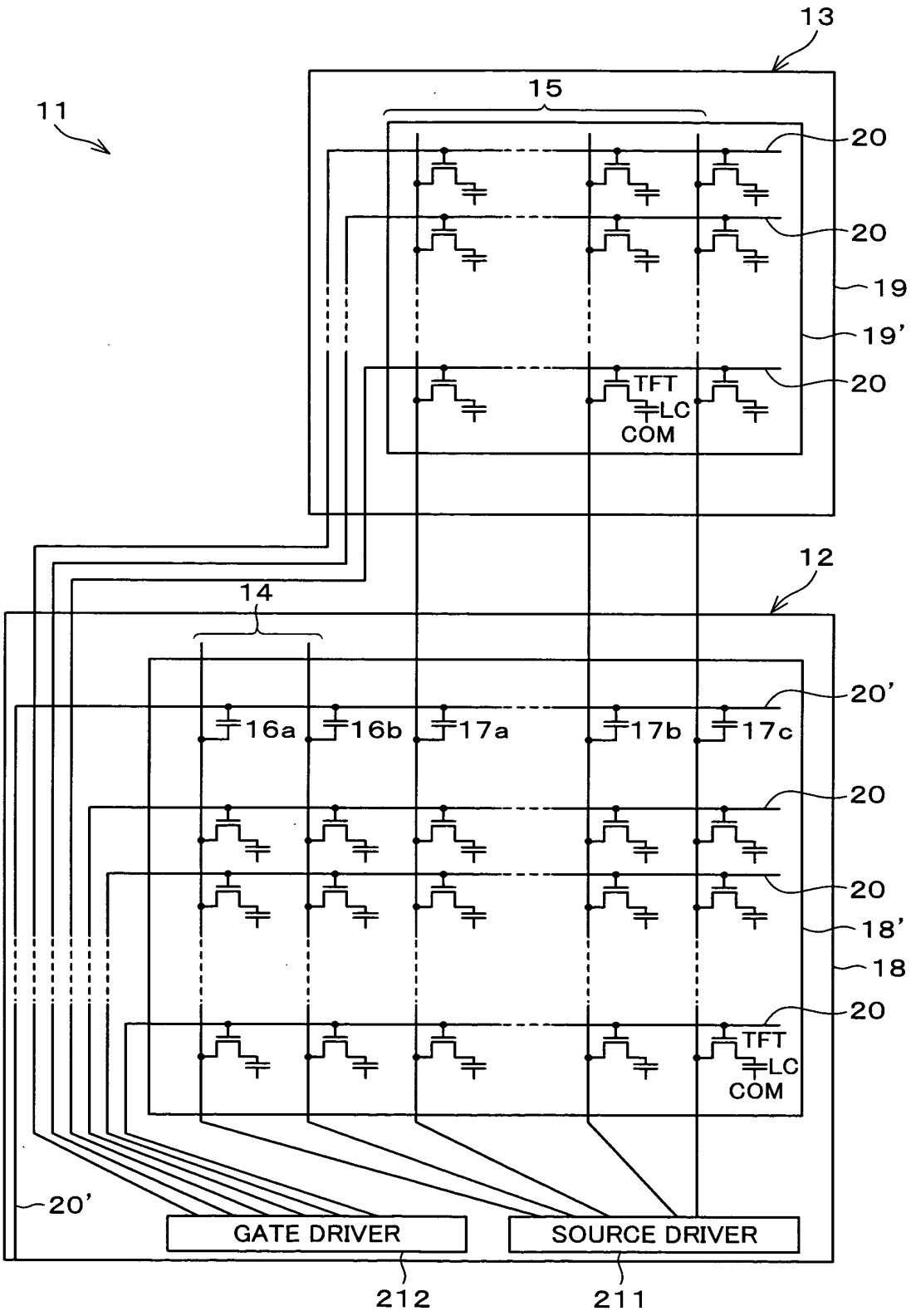

13
15
11
20
20
19
19'
TFT
LC
COM
20
12
14
20'
16a
16b
17a
17b
17c
20
20
18'
18
20
TFT
LC
COM
20'
GATE DRIVER
SOURCE DRIVER
212
211

FIG. 10

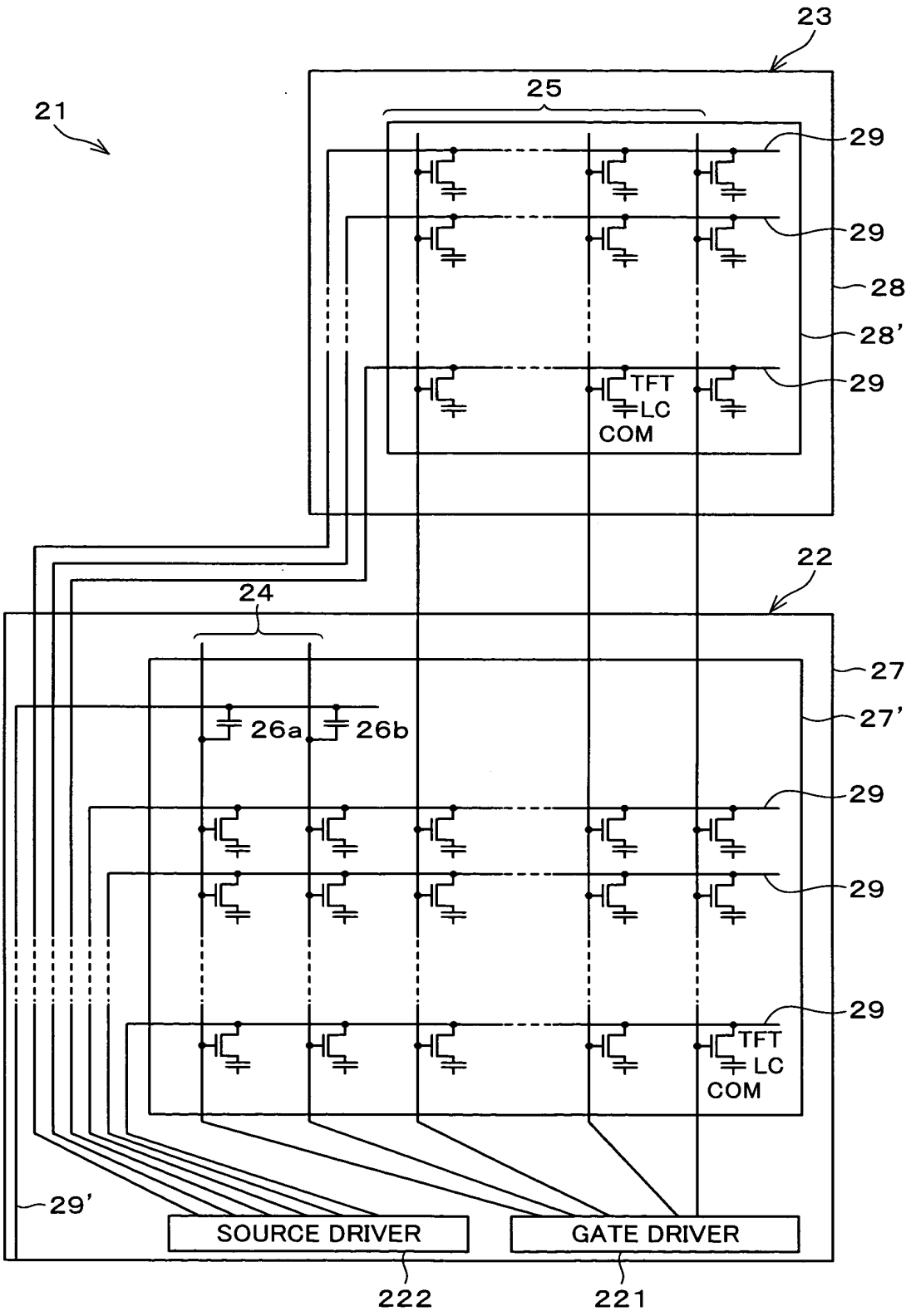

23
25
21
29
29
28
28'
TFT
LC
COM
29
22
24
27
27'
26a
26b
29
29
29
TFT
LC
COM
29'
SOURCE DRIVER
GATE DRIVER
222
221

FIG. 11

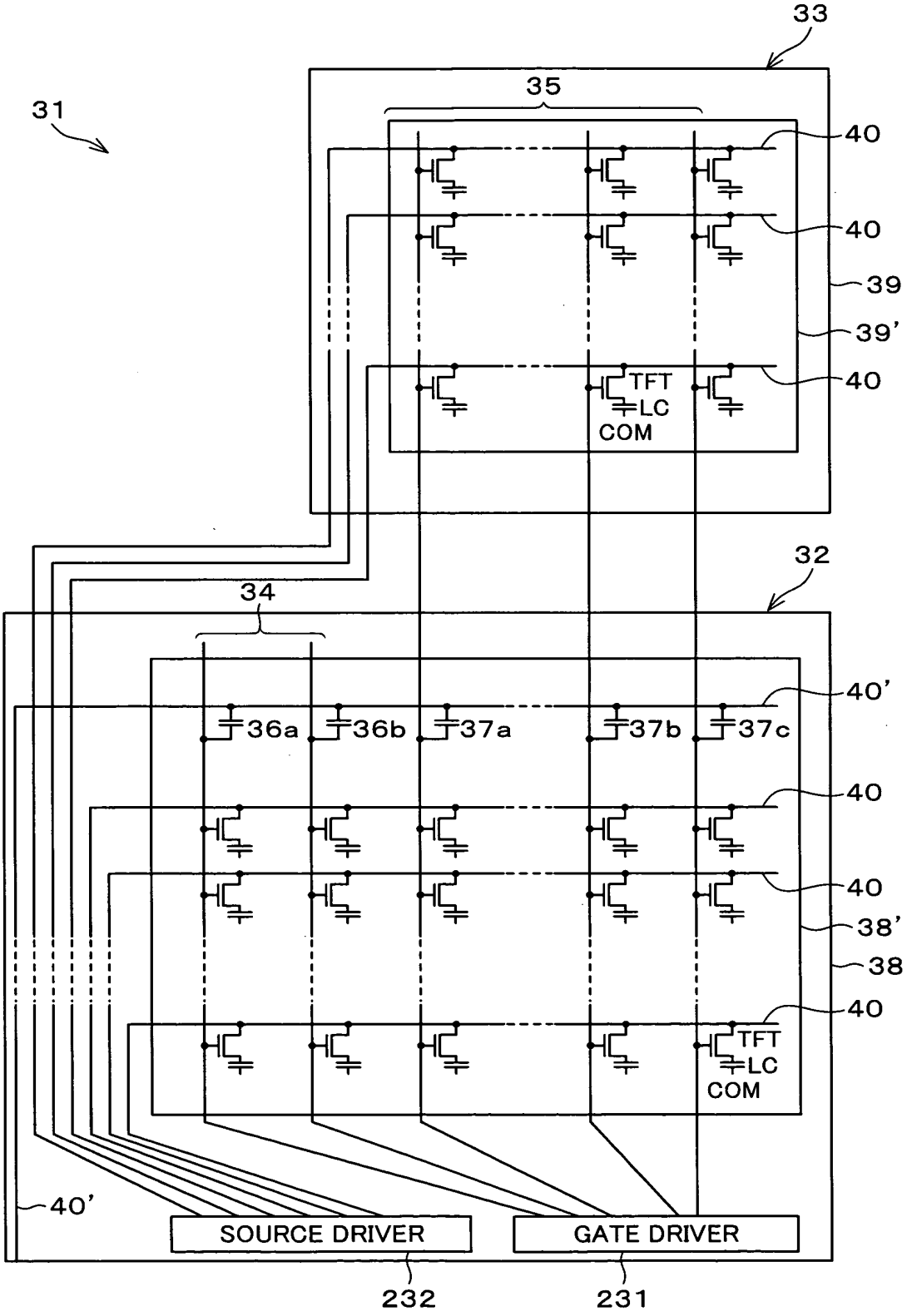

33
35
31
40
40
39
39'
TFT
LC
COM
40
32
34
40'
36a
36b
37a
37b
37c
40
40
38'
38
40
TFT
LC
COM
40'
SOURCE DRIVER
GATE DRIVER
232
231

FIG. 12

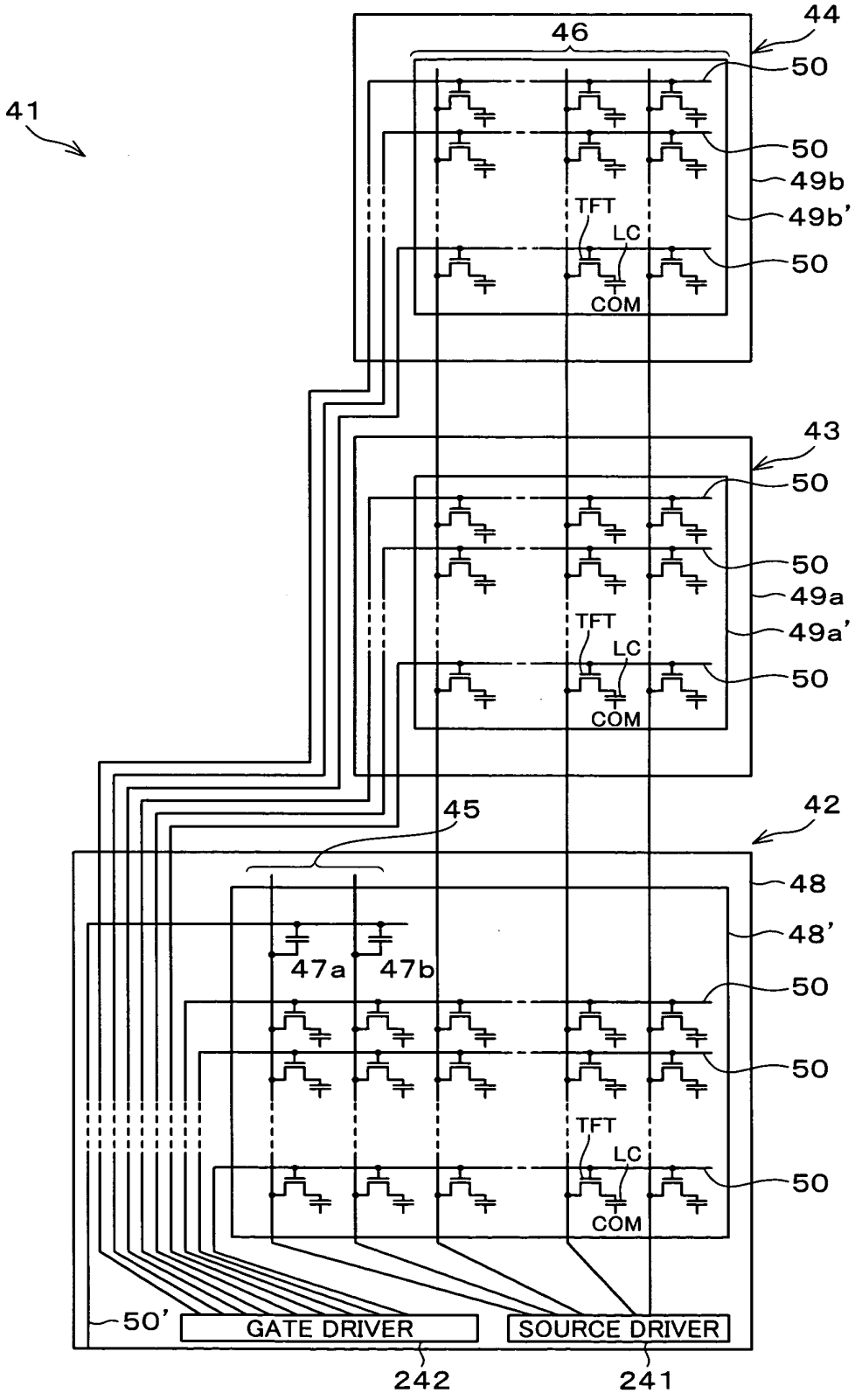

41
44
46
50
50
49b
49b'
TFT
LC
COM
50
43
50
50
49a
49a'
TFT
LC
COM
50
45
42
48
48'
47a
47b
50
50
TFT
LC
COM
50
50'
GATE DRIVER
SOURCE DRIVER
242
241

FIG. 13

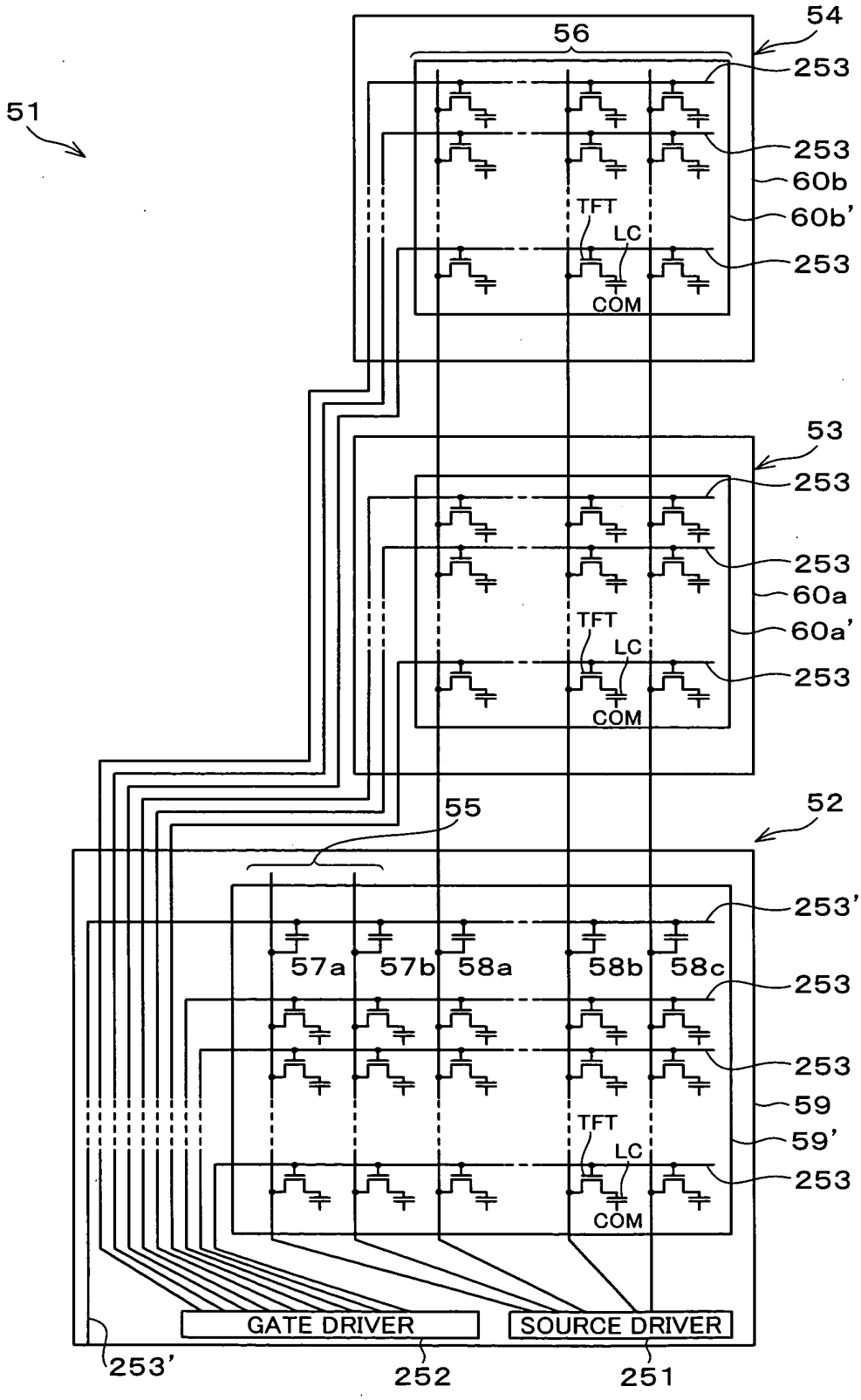

51
54
56
253
253
60b
60b'
TFT
LC
COM
253
53
253
253
60a
60a'
TFT
LC
COM
253
55
52
253'
57a
57b
58a
58b
58c
253
253
59
59'
TFT
LC
COM
253
GATE DRIVER
SOURCE DRIVER
253'
252
251

FIG. 14

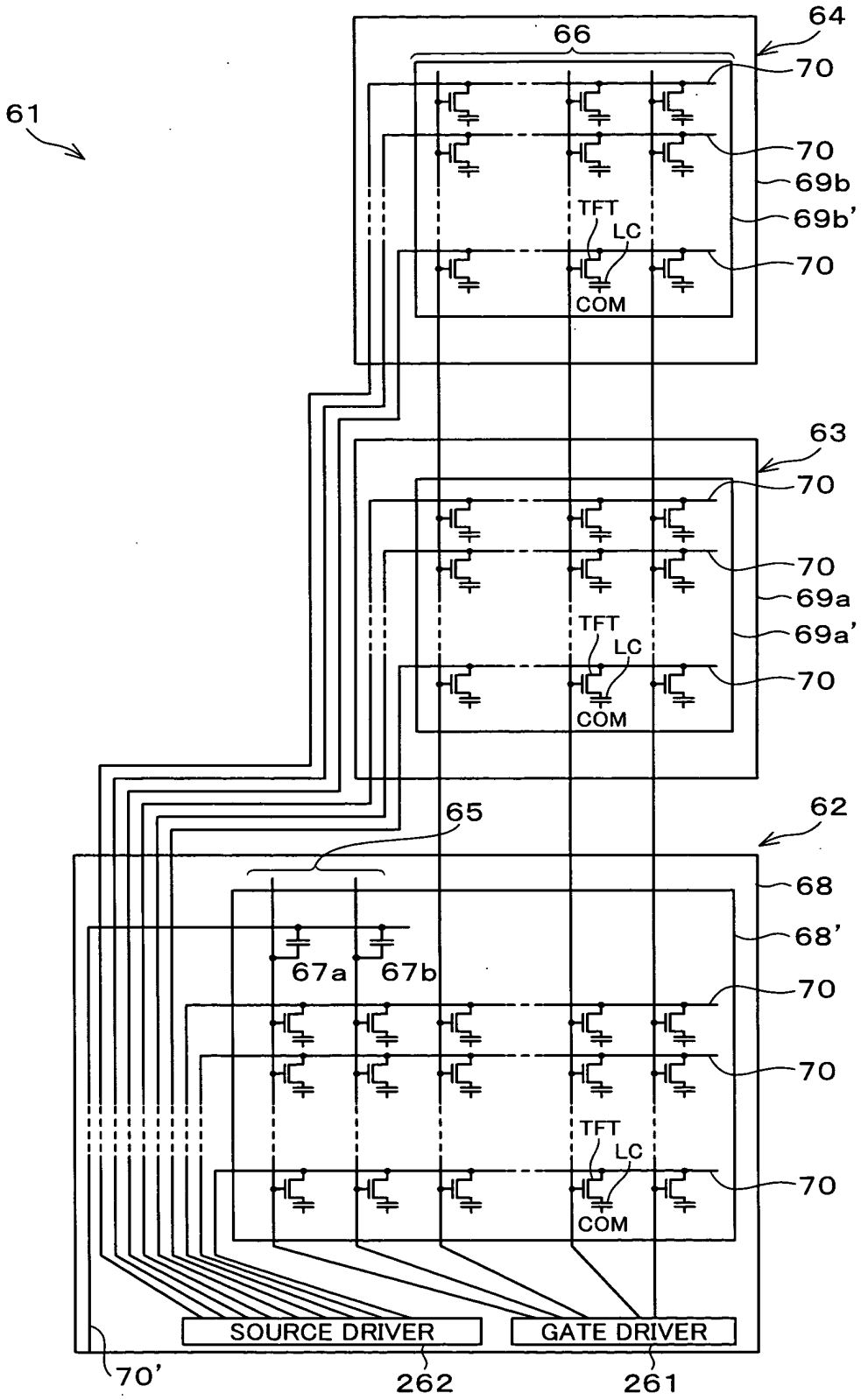

61
64
66
70
70
69b
69b'
TFT
LC
COM
70
63
70
70
69a
69a'
TFT
LC
COM
70
65
62
68
68'
67a
67b
70
70
TFT
LC
COM
70
SOURCE DRIVER
GATE DRIVER
70'
262
261

FIG. 15

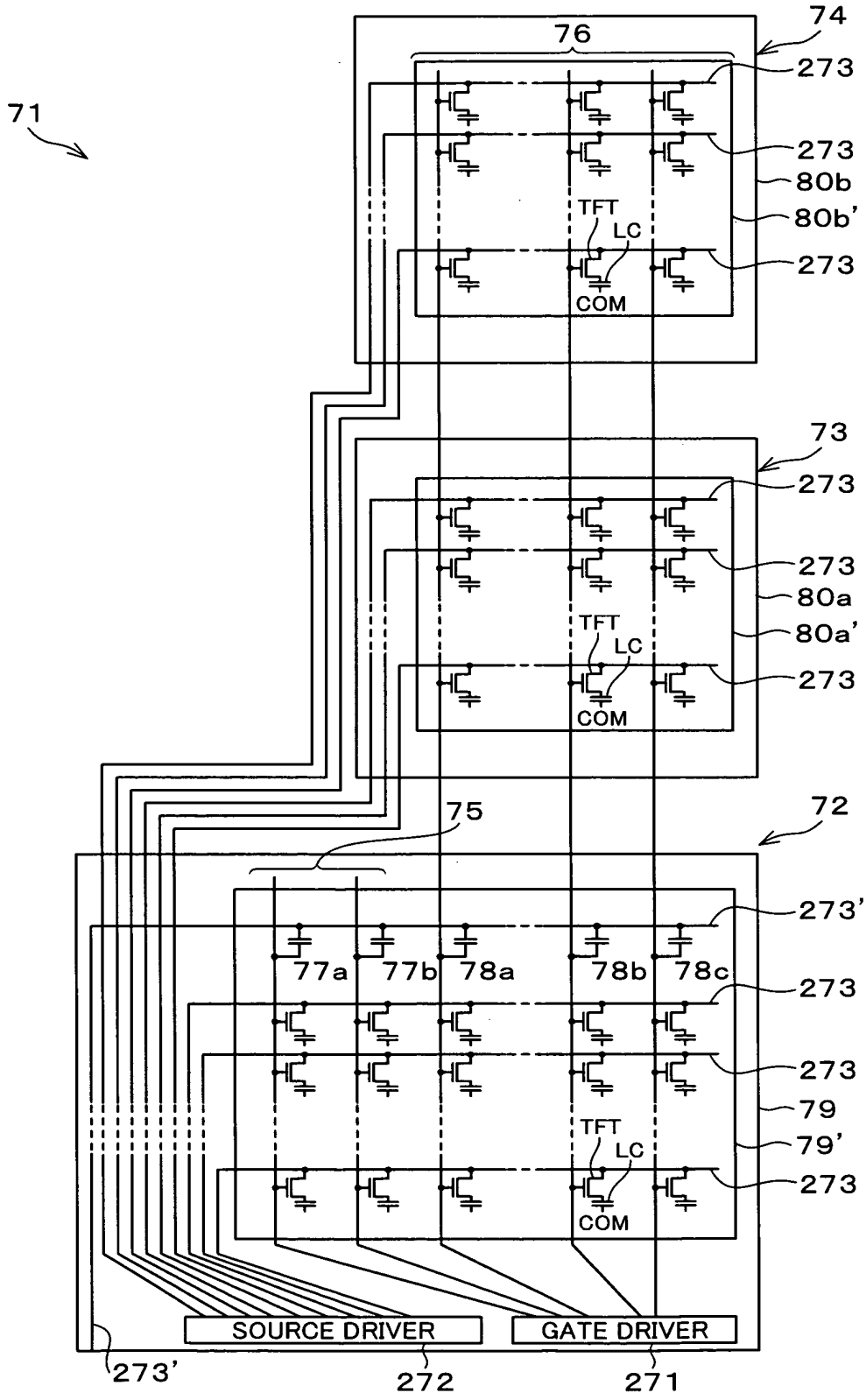

71
74
76
273
273
80b
80b'
TFT
LC
COM
273
73
273
273
80a
80a'
TFT
LC
COM
273
72
75
273'
77a
77b
78a
78b
78c
273
273
79
79'
TFT
LC
COM
273
SOURCE DRIVER
GATE DRIVER
273'
272
271

FIG. 16

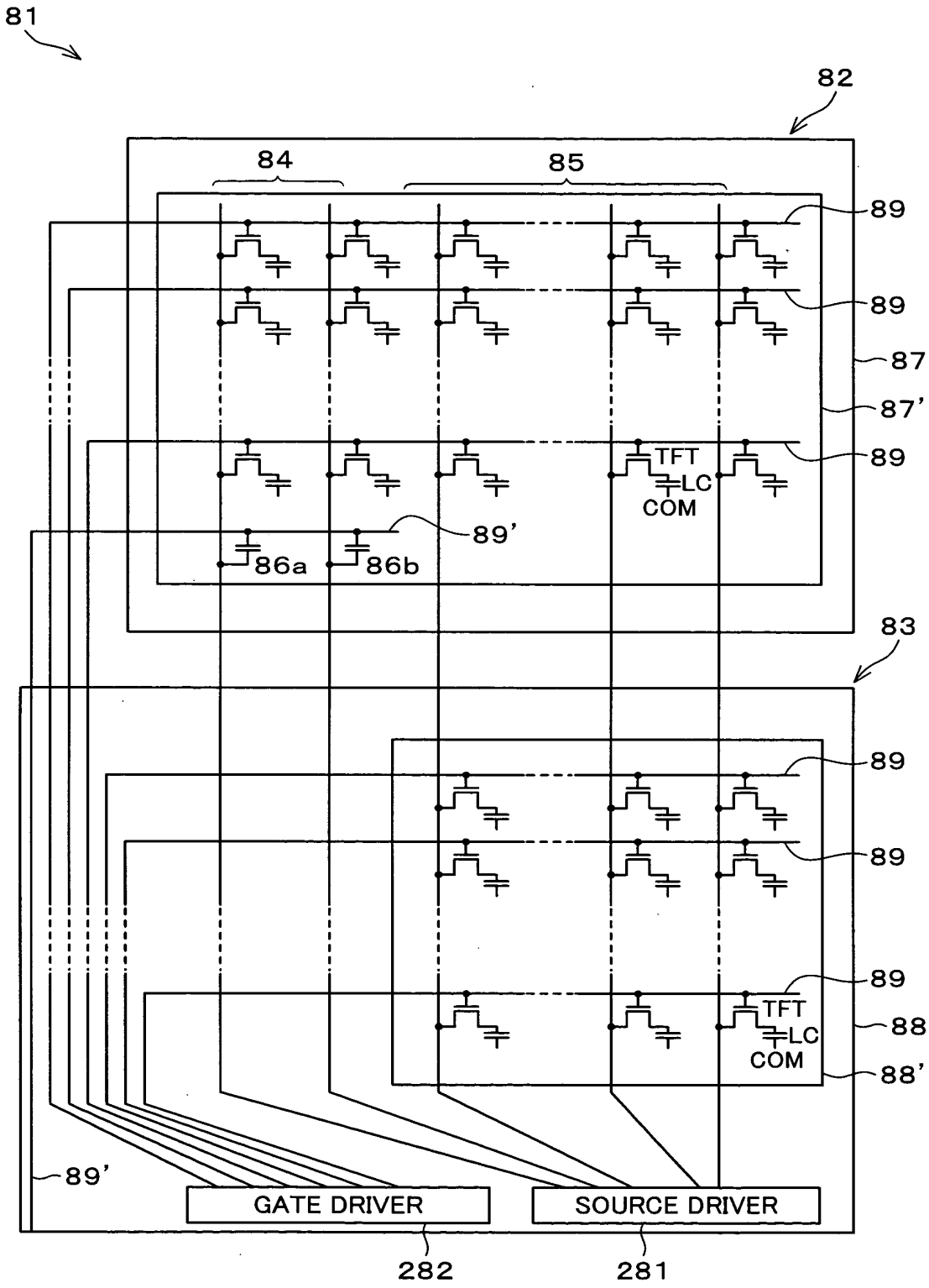

81
82
84
85
89
89
87
87'
89
TFT
LC
COM
89'
86a
86b
83
89
89
89
TFT
LC
COM
88
88'
89'
GATE DRIVER
SOURCE DRIVER
282
281

FIG. 17

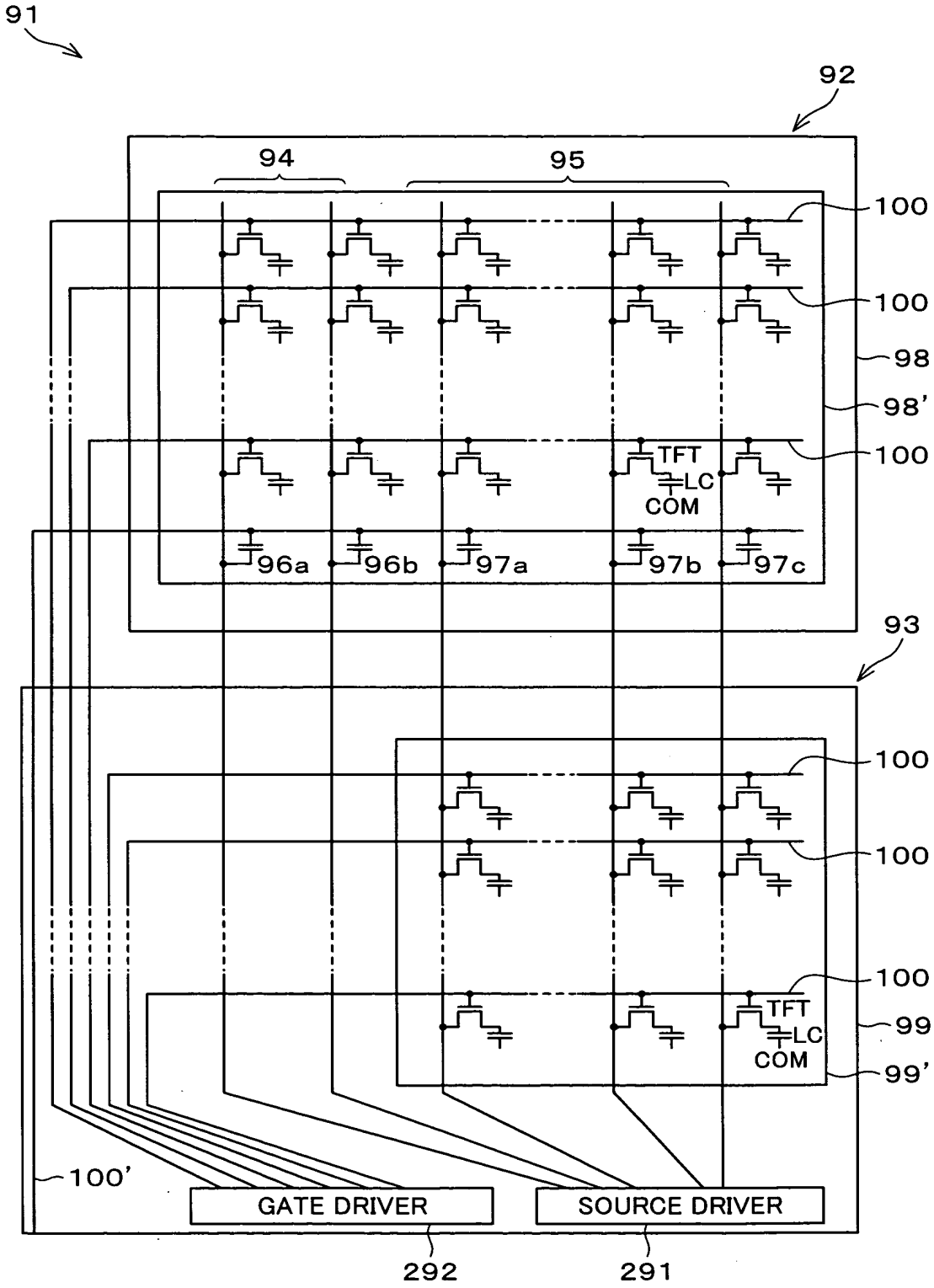

91
92
94
95
100
100
98
98'
TFT
LC
COM
100
96a
96b
97a
97b
97c
93
100
100
100
TFT
LC
COM
99
99'
100'
GATE DRIVER
SOURCE DRIVER
292
291

FIG. 18

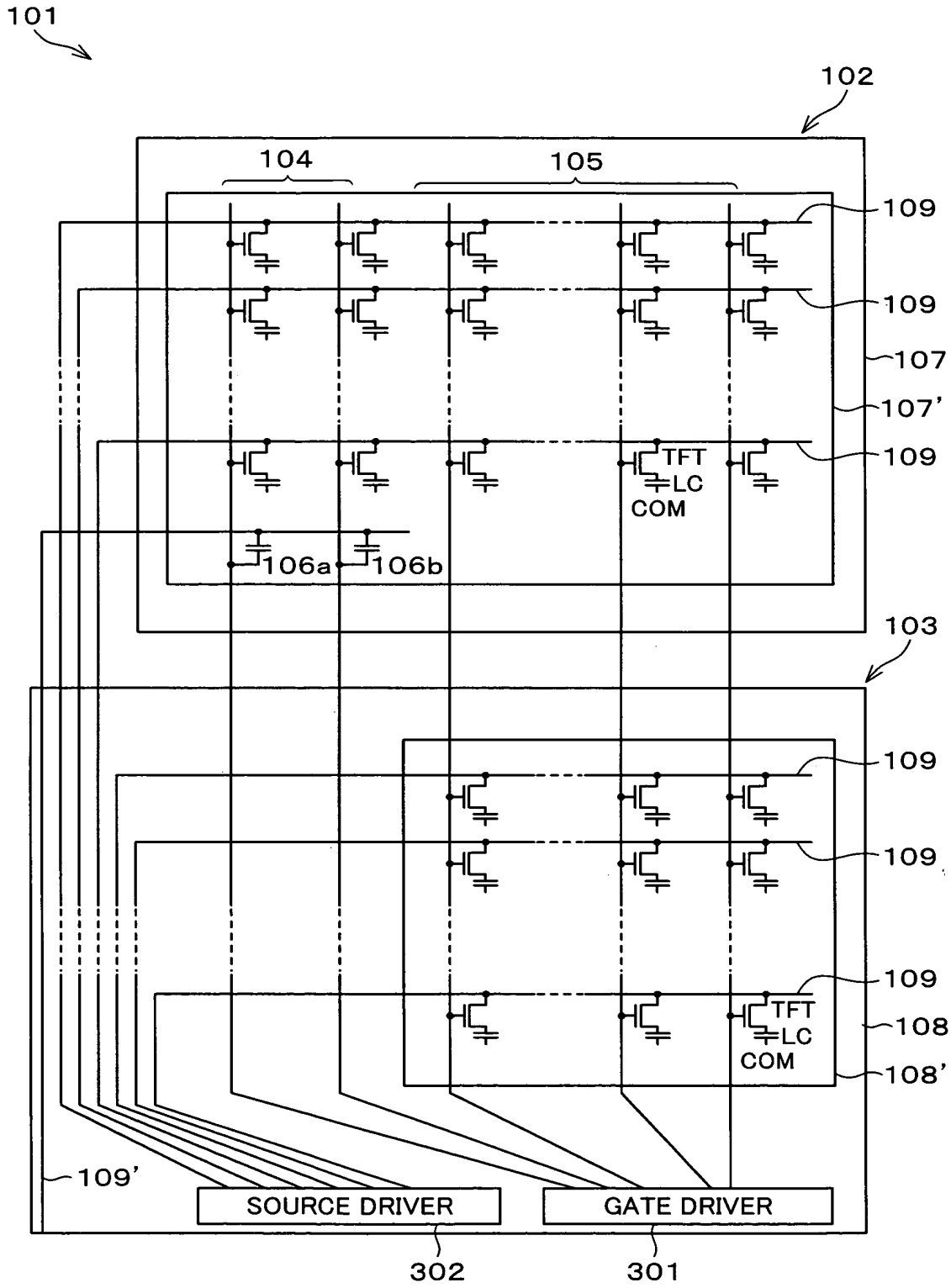

101
102
104
105
109
109
107
107'
109
TFT
LC
COM
106a
106b
103
109
109
109
TFT
LC
COM
108
108'
109'
SOURCE DRIVER
GATE DRIVER
302
301

FIG. 19

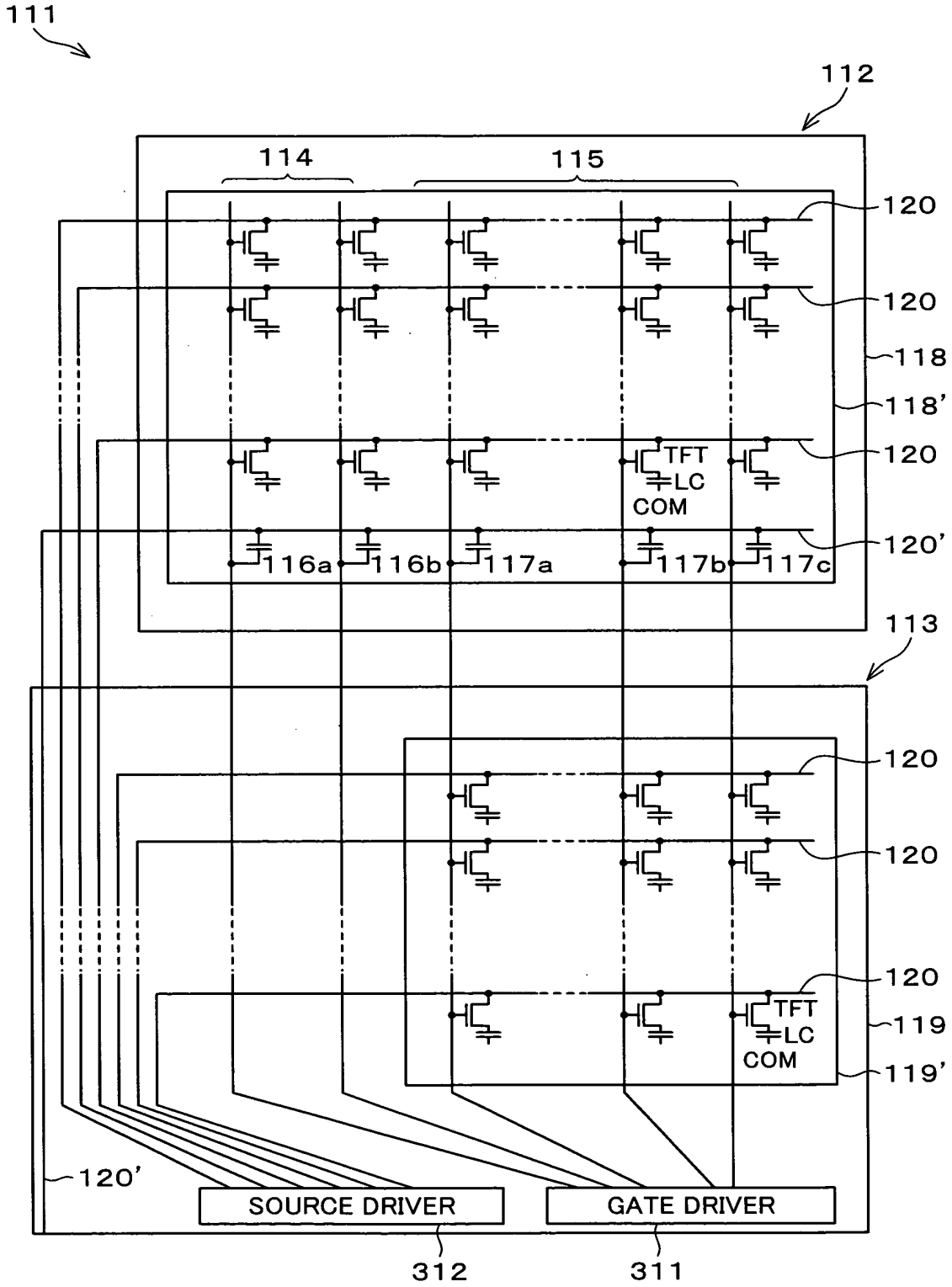

111
112
114
115
120
120
118
118'
TFT
LC
COM
120
120'
116a
116b
117a
117b
117c
113
120
120
120
TFT
LC
COM
119
119'
120'
SOURCE DRIVER
GATE DRIVER
312
311

FIG. 20

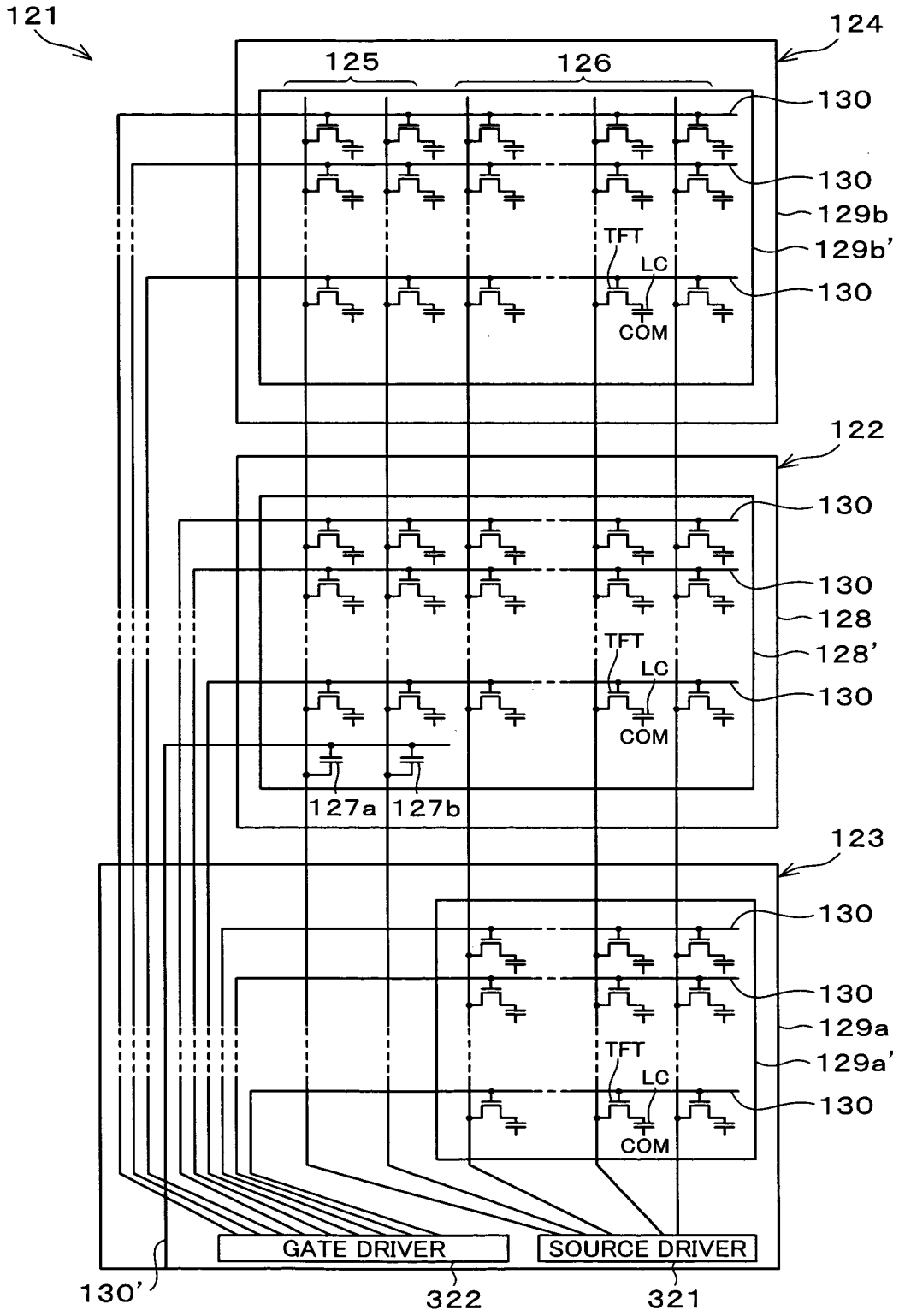

121
124
125
126
130
130
129b
129b'
TFT
LC
COM
130
122
130
130
128
128'
TFT
LC
COM
130
127a
127b
123
130
130
129a
129a'
TFT
LC
COM
130
GATE DRIVER
SOURCE DRIVER
130'
322
321

FIG. 21

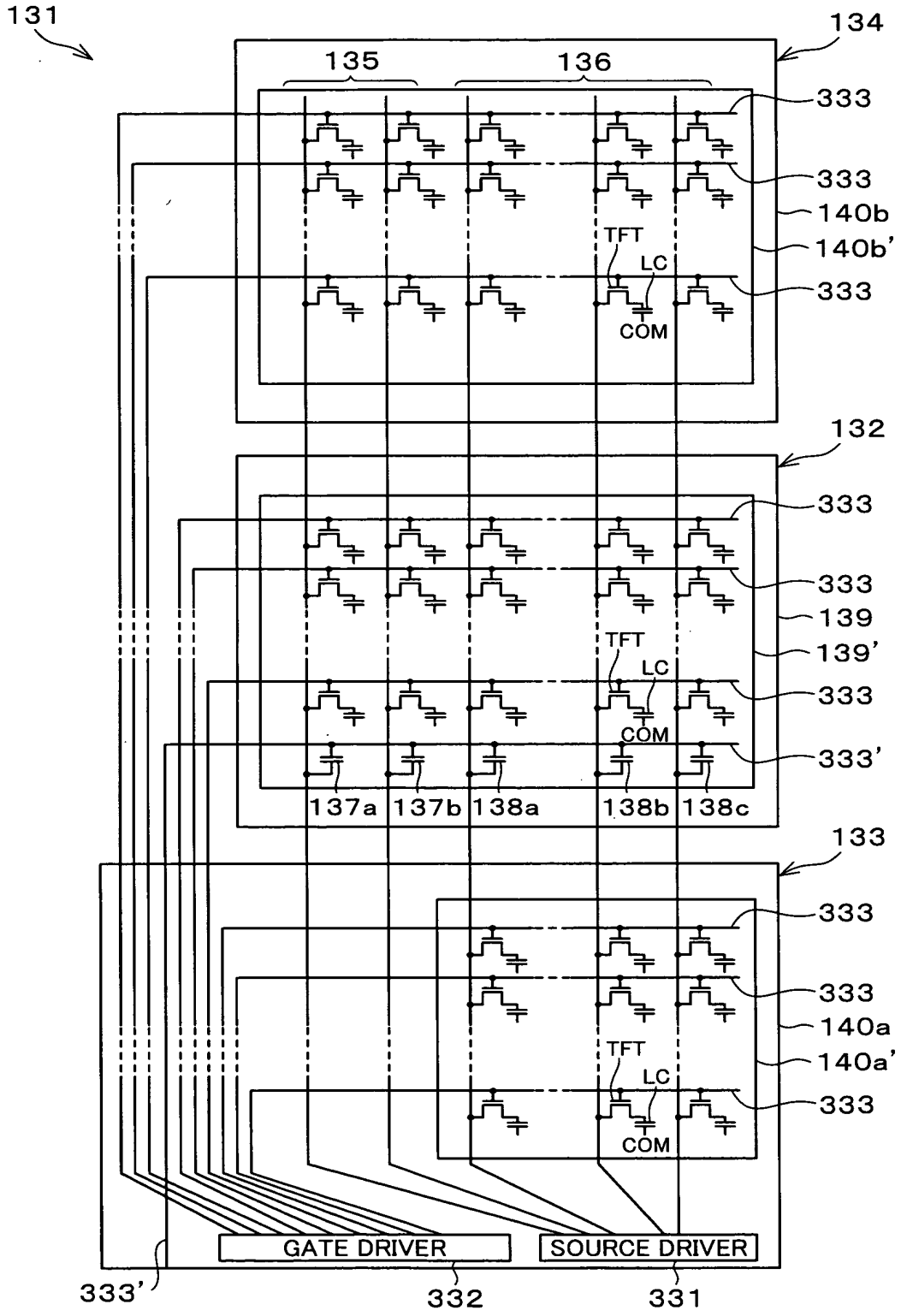

131
134
135
136
333
333
140b
140b'
TFT
LC
COM
333
132
333
333
139
139'
TFT
LC
333
COM
333'
137a
137b
138a
138b
138c
133
333
333
140a
140a'
TFT
LC
333
COM
GATE DRIVER
SOURCE DRIVER
333'
332
331

FIG. 22

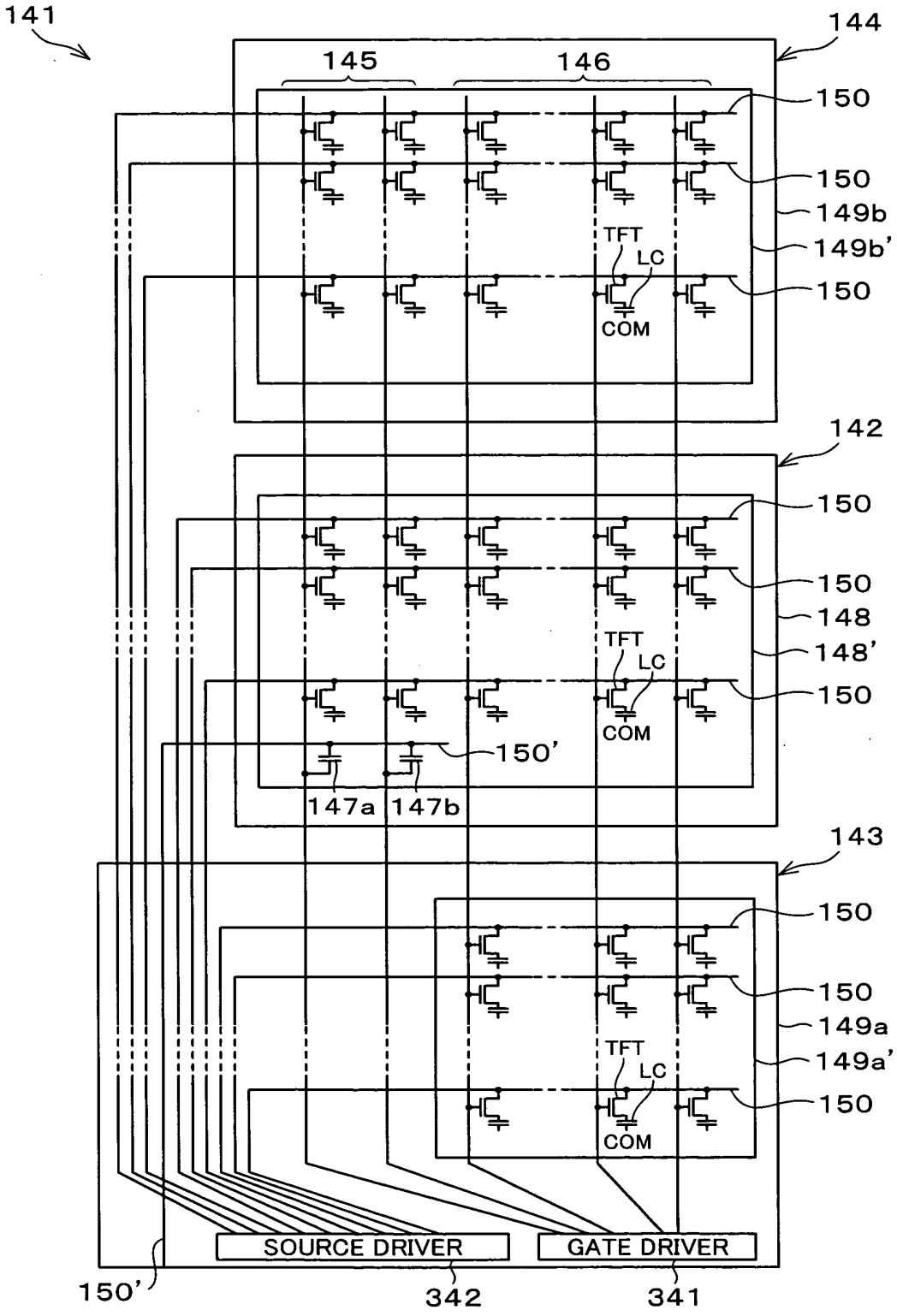

141
144
145
146
150
150
149b
149b'
TFT
LC
COM
150
142
150
150
148
148'
TFT
LC
COM
150
150'
147a
147b
143
150
150
149a
149a'
TFT
LC
COM
150
SOURCE DRIVER
GATE DRIVER
150'
342
341

FIG. 23

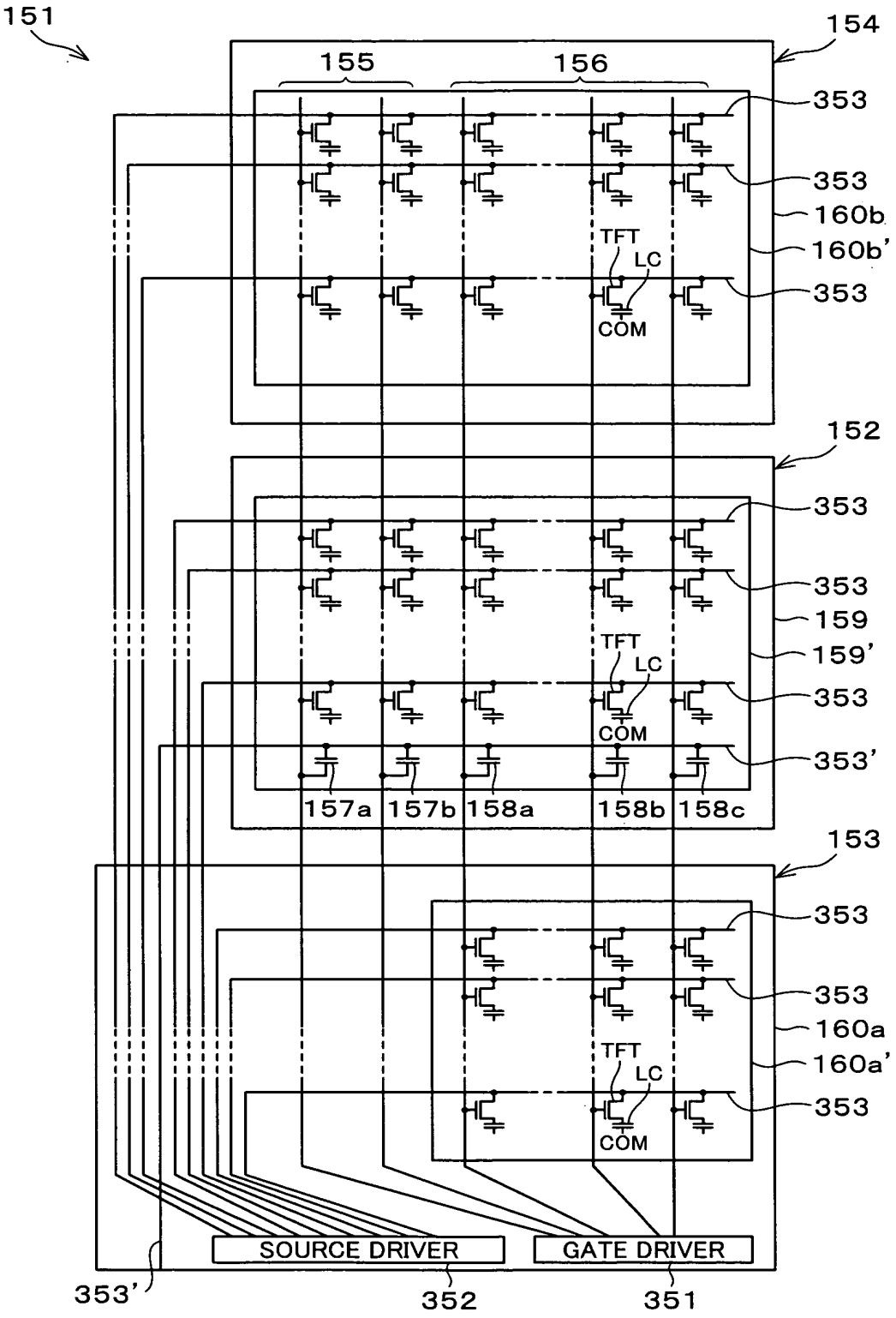

151
154
155
156
353
353
160b
160b'
TFT
LC
COM
353
152
353
353
159
159'
TFT
LC
COM
353
353'
157a
157b
158a
158b
158c
153
353
353
160a
160a'
TFT
LC
COM
353
SOURCE DRIVER
GATE DRIVER
353'
352
351

FIG. 24 (a)

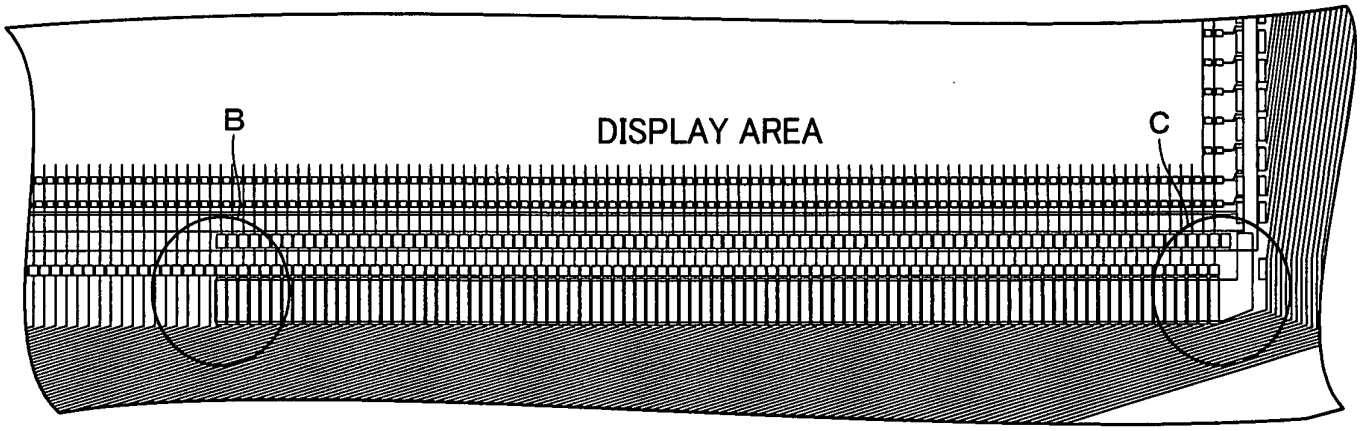


FIG. 24 (b)

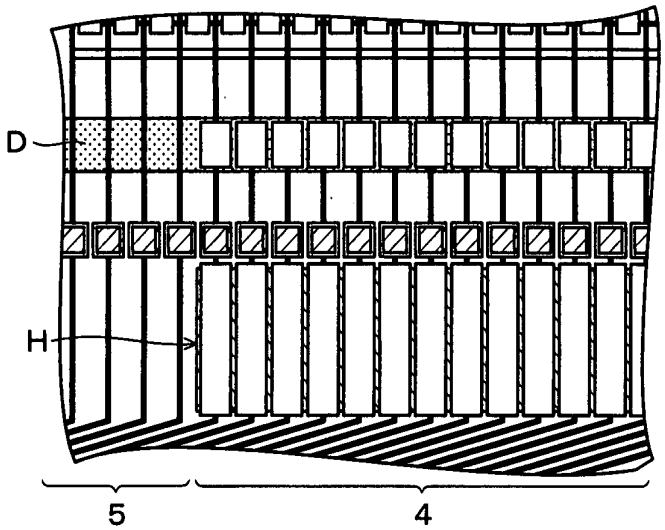


FIG. 24 (c)

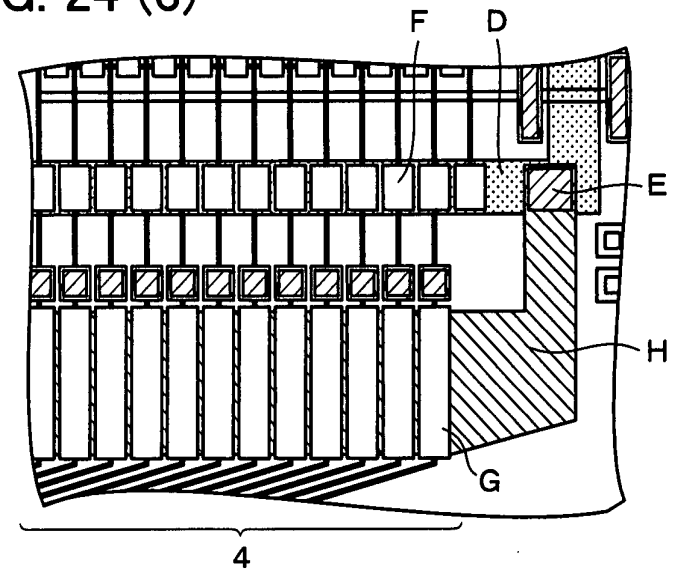
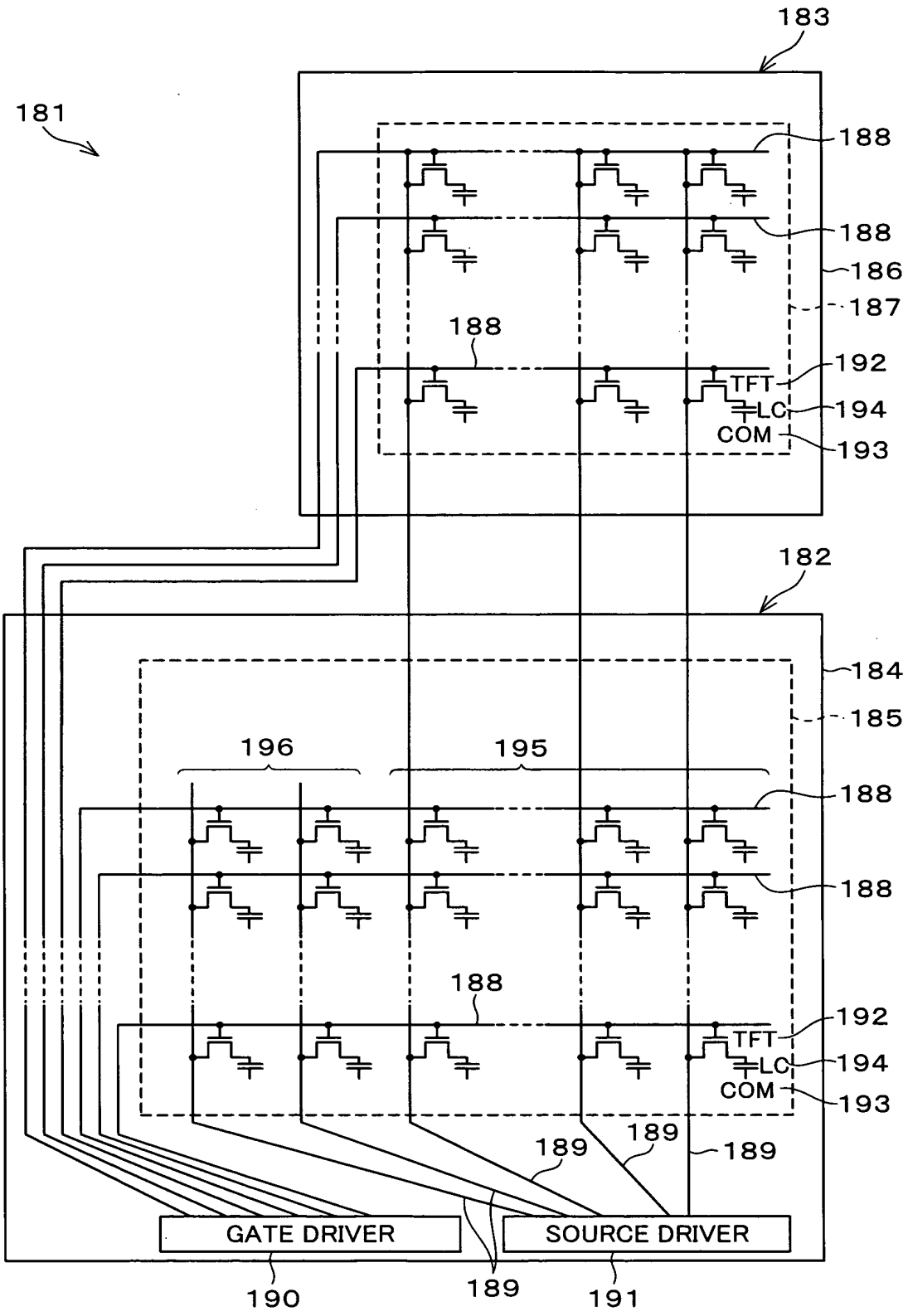


FIG. 25


183
181
188
188
186
187
188
192
TFT
LC
194
COM
193
182
184
185
196
195
188
188
188
192
TFT
LC
194
COM
193
189
189
189
GATE DRIVER
SOURCE DRIVER
190
189
191